

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shakh, et al. Group Art Unit: 3248  
Filed: 12/16/2000 Examiner: W.P. Fletcher III  
Serial No. 09/739087 Attorney Docket No. 200-0550  
For: GAS-DYNAMIC COLD SPRAY LINING FOR ALUMINUM ENGINE BLOCK CYLINDERS

Hon. Assistant Commissioner for Patents

Washington, D.C. 20231

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DECLARATION OF INVENTOR

I, Tsung Yu Pan, hereby declare:

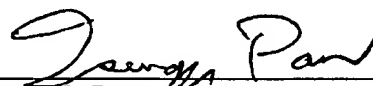
1. I am an inventor on this case.
2. I am employed by the Ford Motor Company.
3. I have a doctorate in Macromolecular Science and Engineering from The University of Michigan, Ann Arbor, Michigan.

4. Most automotive engines in use today have a piston cylinder in the range of 3.5 to 4.5 inches in diameter.

5. I have made a diligent search but have been unable to find a cold gas dynamic spray mechanism which can be inserted into a 3.5 to 4.5 inch diameter cylinder.

The undersigned, being warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any resulting registration, hereby declares that all statements made of the undersigned's own knowledge are true and all statements made on information and belief are believed to be true.

January 30, 2003

  
Tsung-Yu Pan